Fuzion B08R6F739W

Fuzion Digital Gram Scale Instruction Manual

Model: B08R6F739W

Introduction

Thank you for choosing the Fuzion Digital Gram Scale. This precision instrument is designed for accurate weighing of various items, from jewelry and herbs to food ingredients. With a capacity of 500g and a readability of 0.01g, it offers versatility and reliability. This manual provides essential information for setup, operation, and maintenance to ensure optimal performance.

Product Overview

The Fuzion Digital Gram Scale features a stainless steel platform and a durable ABS base. It includes two plastic trays for convenience and protection. The backlit LCD display ensures clear readings in various lighting conditions.

Key Features:

- Capacity: 500g x 0.01g (Minimum: 0.03g, Permissible Error: +/- 0.02g)
- 6 Units of Measurement: Grams (g), Ounces (oz), Grains (gn), Troy Ounces (ozt), Pennyweights (dwt), Carats (ct)
- Back-lit LCD Display
- Tare Function for subtracting container weight
- Piece Counting Function for identical items
- Auto-off function
- Low Battery indicator
- Includes 2 plastic trays and 2 AAA batteries



Image: The Fuzion Digital Gram Scale, illustrating its compact dimensions and how it fits in a hand.

Setup

1. **Unpacking:** Carefully remove the scale and all accessories from the packaging.
2. **Protective Film Removal:** Before first use, gently peel off any blue protective plastic film from the stainless steel weighing platform.
3. **Battery Installation:** Open the battery compartment on the underside of the scale. Insert the two included AAA batteries, ensuring correct polarity (+/-). Close the compartment securely.
4. **Placement:** Place the scale on a flat, stable, and vibration-free surface to ensure accurate readings.

Video: A demonstration of unboxing, battery installation, and protective film removal for the Fuzion Digital Gram Scale.

Operating Instructions

1. **Power On/Off:** Press the **[ON/OFF]** button to turn the scale on. Press and hold the **[ON/OFF]** button to turn it off. The scale will automatically turn off after a period of inactivity to conserve battery life.
2. **Unit Conversion:** Press the **[M]** (Mode) button to cycle through the available weighing units: grams (g), ounces (oz), grains (gn), troy ounces (ozt), pennyweights (dwt), and carats (ct).
3. **Tare Function:** To weigh items in a container without including the container's weight:

a. Place the empty container on the weighing platform.
b. Press the **[T]** (Tare) button. The display will reset to zero.
c. Place the items to be weighed into the container. The display will show only the net weight of the items.

4. **Piece Counting (PCS) Function:** This function allows you to count multiple identical items.
   a. With the scale on and showing 0.00, place a sample quantity (e.g., 25, 50, 75, or 100 pieces) of the items on the platform.
   b. Press and hold the **[PCS]** button until the display shows a number (e.g., "25").
   c. Press the **[M]** button to select the sample quantity that matches the number of items you placed on the platform.
   d. Press **[PCS]** again to confirm. The display will show "PCS" and the number of items in your sample.
   e. You can now add more items, and the scale will count them.



Image: Display showing the weighing range (0.03g-500g) and various unit options.



Image: Visual guide for using the Tare function to measure items in a container.

Video: A demonstration of the tare function and general use of the Fuzion Digital Gram Scale.

Calibration

The Fuzion Digital Gram Scale is pre-calibrated at the factory. However, if you notice inaccuracies or after prolonged use, you may recalibrate it using a known weight (not included).

1. Turn the scale OFF.
2. Press and hold the **[M]** (Mode) button, then press the **[ON/OFF]** button simultaneously until "CAL" appears on the display.
3. Release both buttons. The display will flash the required calibration weight (e.g., "500.00g").
4. Place the exact calibration weight (e.g., 500g) onto the center of the weighing platform.
5. The display will show "PASS" and then return to normal weighing mode (0.00g). Calibration is complete.

Note: For best results, use a high-quality calibration weight.

Maintenance

- **Cleaning:** Wipe the scale with a slightly damp cloth. Do not immerse the scale in water or use abrasive cleaners.
- **Storage:** Store the scale in a clean, dry environment. Use the included plastic trays as protective covers when not in use to prevent dust and scratches.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display.



Image: A person carefully weighing small items on the Fuzion Digital Gram Scale, demonstrating typical use.

Troubleshooting

Problem	Possible Cause	Solution
Display shows "Lo"	Low battery power.	Replace the AAA batteries.
Display shows "O-Ld"	Overload. The weight on the platform exceeds the maximum capacity.	Remove the excess weight immediately to avoid damage.
Inaccurate readings	Unstable surface, air currents, or need for calibration.	Place on a stable surface, avoid drafts, or perform calibration as described above.
Scale does not turn on	Batteries are dead or incorrectly installed.	Check battery polarity or replace with new batteries.

Specifications

- **Brand:** Fuzion

- **Model:** B08R6F739W
- **Color:** Black
- **Capacity:** 500 Grams
- **Readout Accuracy:** 0.01 Grams
- **Material:** Acrylonitrile Butadiene Styrene, Stainless Steel
- **Display Type:** LCD
- **Power:** 2 x AAA batteries (included)
- **Product Dimensions:** 5 x 4.1 x 0.8 inches
- **Item Weight:** 0 ounces (Note: This likely refers to shipping weight, actual product has weight)
- **Special Features:** 2 Trays Included, Piece Counting, Portable, Precision Balanced

Warranty and Support

Fuzion offers a **2-year warranty** for this digital scale. We are committed to providing lifetime support for our products. For any concerns, questions, or assistance, please contact our Fuzion support team. We are dedicated to helping you with any issues you may encounter.
For support, please visit the official Fuzion store or contact customer service through your purchase platform.